



## BRIEF SUMMARY

Positive attitude and constant learner with proficiency in Data analytics, MS Excel and SQL. I have good knowledge of analyzing business needs, designing effective solutions and delivering actionable insights to drive strategic decision making. Proven ability to demonstrates problem solving skills, teamwork, and analytical capabilities. Adaptable with strong leadership skills.

## KEY EXPERTISE

**Technical Skills :** Machine Learning, MS Excel, MS PowerPoint, Database Management System, Artificial Intelligence

**Soft Skills :** Analytical Thinking, Problem Solving, Communication, Collaboration, Adaptability, Time Management

**Languages :** Python, SQL

## EDUCATION

### University Institute of Engineering and Technology

2021 - 2025

B.E. - Information Technology | CGPA: 7.32 / 10

### The Century School Gharaunda, Karnal

2021

12<sup>th</sup> | CBSE | Percentage: 80.20 / 100

### Prakash Public School, Karnal

2019

10<sup>th</sup> | CBSE | Percentage: 92.20 / 100

## PROJECTS

### Laptop Price Prediction Model

01 May, 2024 - 30 May, 2024

#### Key Skills:

Data Cleaning | Feature Selection | NumPy | Pandas | Matplotlib | Model Selection | Machine Learning | Python | Data Visualization

- 1) A Laptop Price Prediction Model built using Python and machine learning is designed to predict the price of a laptop based on its features. It uses a dataset containing various attributes of laptops such as brand, processor, RAM, storage, screen size, GPU, and more.
- 2) Libraries like Pandas and NumPy are used for data manipulation, while scikit-learn helps with model training and evaluation. This system can predict approximate laptop prices based on the input features.

### Student Database Management System

11 Apr, 2024 - 05 May, 2024

#### Team Size: 1

**Key Skills:** SQL | Tkinter | GUI | Python | DBMS

- 1) Designed and implemented a Student Database System with MySQL and Tkinter, enhancing management of records.
- 2) Enhanced operational efficiency by automating administrative tasks, leading to a 30% reduction in processing time.
- 3) Demonstrated proficiency in database design and SQL development, resulting in improved data accuracy and system integration.
- 4) Enhanced decision-making in educational environments with a comprehensive, reliable database solution.

### Movie Recommendation System

01 Apr, 2024 - 30 Apr, 2024

**Key Skills:** Python | Machine Learning | Data Cleaning | Data Visualization | Pandas | NumPy | Matplotlib | Scikit-Learn

- 1) This system is inspired by recommendation models used in various applications like e-commerce, music apps, and platforms such as Netflix, offering a personalized movie selection experience.
- 2) This Movie Recommendation System built using Python and machine learning recommends the top 5 movies similar to a user's input using content-based filtering and vectorization techniques.

### Exploratory Data Analysis

01 Mar, 2024 - 10 Apr, 2024

#### Mentor: Self | Team Size: 1

**Key Skills:** Feature Selection | Feature Extraction | Data Visualization | Data Cleaning | Python

- 1) Exploratory Data Analysis (EDA) using Python is a process where data is analyzed and visualized to understand its main characteristics before applying any models or making decisions. The goal is to uncover patterns, detect anomalies, test hypotheses,

and check assumptions through a mix of statistical and graphical techniques.  
2) EDA helps in gaining a deep understanding of the dataset, guiding further data processing or modeling efforts.

Excel Project - Store Sales Analysis

01 Feb, 2024 - 15 Feb, 2024

Key Skills: Excel Pivot Table Data Cleaning Data Manipulation Data Visualization

This Excel project provides an annual sales report for a store, using pivot tables to analyze sales trends, customer demographics (gender and age), top sales channels, and product categories. It identifies the highest sales month, examines order status, and lists the top 10 contributing states for actionable insights.

ASSESSMENTS / CERTIFICATIONS

SQL(Intermediate) Certification

Key Skills: SQL(Intermediate) Advanced Joins Sub-queries Unions

Demonstrated SQL skills through solving queries, gaining hands-on experience with problem-solving tests, and evaluating proficiency in SQL.

SEMINARS / TRAININGS / WORKSHOPS

Python with ML Institute Name: Infowiz

01 Jun, 2023 - 15 Jul, 2023

Key Skills: Python ML EDA

- 1) Worked on basic python libraries like numpy, pandas, matplotlib.
- 2) Learns to do Exploratory data analysis and machine learning concepts.
- 3) Learns how to train model using datasets.

EXTRA CURRICULAR ACTIVITIES

- o I participate in blood donation, contributing to community welfare and promoting the importance of life-saving initiatives.
- o Volunteered in Book donation camp, helping to promote literacy and provide educational resources to underprivileged students.

PERSONAL INTERESTS / HOBBIES

- o I love to do Outdoor Activities like biking, or camping to appreciate nature. I also like to play badminton as my hobby.

PERSONAL DETAILS

Gender: Male	Date of Birth: 08 Dec, 2002
Marital Status: Single	Known Languages: English and Hindi
Current Address: Teja Singh Hall Boys Hostel no.6, Panjab University, Chandigarh, Chandigarh, India - 160014	Permanent Address: House no.134, Rajiv puram, near Abhinav gas godown, Karnal, Haryana, India - 132001
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